

MEDICAL DESCRIPTORS:

cancer graft; rat; tumor cell line; priority journal; animal experiment; animal cell; nonhuman; female; oral drug administration; subcutaneous drug administration

SECTION HEADINGS:

003 Endocrinology
016 *Cancer*
030 Clinical and Experimental Pharmacology
037 Drug Literature Index

4/3,K/48 (Item 27 from file: 73)

DIALOG(R) File 73:EMBASE

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03034136 EMBASE No: 1985227652

5-(2-oxo-3-indolinyldiene)thiazolidine-2,4-dione-1,3-di-Mannich base derivatives: Synthesis and evaluation for antileukemic activity

Eshba N.H.; Salama H.M.

Pharmaceutical Chemistry Department, Faculty of Pharmacy, University of Alexandria, Alexandria Egypt

Pharmazie (PHARMAZIE) (Germany) 1985, 40/5 (320-322)

CODEN: PHARA

DOCUMENT TYPE: Journal

LANGUAGE: ENGLISH

DRUG DESCRIPTORS:

*2,4 *thiazolidinedione* derivative

MEDICAL DESCRIPTORS:

**cancer* chemotherapy; *dose response; *drug comparison; *drug cytotoxicity; *drug efficacy; *drug identification; *drug screening; *drug synthesis; *infrared spectrometry; *nuclear magnetic resonance; *structure activity relation

4/3,K/49 (Item 28 from file: 73)

DIALOG(R) File 73:EMBASE

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02973535 EMBASE No: 1985067495

Novel thiazolidine-2,4-dione-4-thiosemicarbazone and 4-((3,4-diaryl-3H-thiazol-2-yl)azo)thiazolidin-2-one derivatives: Synthesis and evaluation for antimicrobial and anticancer properties

Omar A.M.M.E.; Salama H.M.; Eshba B.H.

Pharmaceutical Chemistry Department, Faculty of Pharmacy, University of Alexandria, Alexandria Egypt

Farmaco, Edizione Scientifica (FARMACO ED. SCI.) (Italy) 1985, 40/1 (49-57)

CODEN: FRPSA

DOCUMENT TYPE: Journal

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ITALIAN

MEDICAL DESCRIPTORS:

**cancer* chemotherapy; *drug cytotoxicity; *drug identification; *drug screening; *drug synthesis; *leukemia p 388

MEDICAL TERMS (UNCONTROLLED): 3 benzyl 2,4 *thiazolidinedione* 4 thiosemicarbazone derivative; 3 benzyl 4 (2 thiazolyl)azo 2 thiazolidinone derivative
?ds

Set	Items	Description
S1	1680	(THIAZOLIDINEDIONE?) OR (TZD?)
S2	1547426	CANCER?
S3	76	S1 AND S2
S4	49	RD (unique items)
S5	5	S4 AND (GROWTH (W) (SUPPRESSION OR INHIBITION))

S6 19 S4 AND (TROGLITAZONE OR PIOGLITAZONE OR ROSIGLITAZONE)
 S7 13 S6 AND (BLADDER OR BLOOD OR BONE OR (BONE (W) MARROW) OR B-
 RAIN OR BREAST OR COLON OR ESOPHAGUS OR GASTROINTESTINE OR HE-
 AD OR KIDNEY OR LIVER)
 S8 0 S4 AND (PPAR-GAMMA OR OSTEOSARCOMA)
 S9 0 S4 AND (PPAR-GAMMA OR SAOS-2)
 S10 0 S4 AND ((OVARIAN (W) CANCER) OR (RENAL (W) CANCER))
 S11 0 S4 AND (CAOV3 OR 222 OR PA-1 OR 2774 OR (OV (W) CAR3) OR (-
 SK (W) OV3))
 S12 0 S4 AND (UMCR3 OR UMC6 OR UMC7)
 S13 0 S4 AND ((ALKYLATING (W) AGENT) OR (BUSULFAN OR CHLORAMBUCIL
 OR CISPLASTIN OR CYCLOPHAPHAMIDE OR MELPHALAN))
 S14 0 S4 AND ((MITOTIC (W) INHIBITOR) OR (ETOPOSIDE OR VP16 OR T-
 AXOL OR VINBLASTINE OR VINCISTINE))
 S15 1 S4 AND (DOXORUBICIN OR DAUNORUBICIN OR MITOMYCIN OR (ACTIN-
 OMYCIN (W) D) OR BLEOMYCIN)
 S16 0 S4 AND (NITROSUREA OR CARMUSTINE OR LOMUSTINE)
 S17 0 S4 AND (5-FLUOROURACIL OR 5-FU OR ANTI-METABOLITES)
 S18 1 S4 AND ((CORTICOSTEROID (W) HORMONE?) OR (PREDNISONE OR DE-
 XAMETHASONE))
 S19 2 S4 AND (TNF OR AMSACRINE OR L-ASPARAGINASE OR TRETINOIN)
 S20 49318 (CANCER (W) (TREATMENT OR THERAPY))
 S21 3 S1 AND S20
 S22 2 RD (unique items)
 S23 4 S4 AND ((DP (W) GENE) OR P21 OR P16 OR P27 OR E2F OR RB OR
 APC OR DC OR NF-1 OR WT-1 OR MEN-II OR BRCA1 OR VHL OR FCC OR
 MCC OR E1A OR RAS OR MYC)
 S24 0 S4 AND (NEU OR RAF OR ERB OR SRC OR FMS OR JUN OR TRK OR R-
 ET OR GSP OR HST OR BCL OR ABL OR BAX OR BCL-?)

?logoff

04aug00 09:34:48 User259876 Session D97.2
 \$5.70 1.782 DialUnits File155
 \$5.00 25 Type(s) in Format 3
 \$5.00 25 Types
 \$10.70 Estimated cost File155
 \$10.14 1.811 DialUnits File5
 \$14.85 9 Type(s) in Format 3
 \$14.85 9 Types
 \$24.99 Estimated cost File5
 \$32.14 3.781 DialUnits File73
 \$101.05 43 Type(s) in Format 3
 \$101.05 43 Types
 \$133.19 Estimated cost File73
 OneSearch, 3 files, 7.374 DialUnits FileOS
 \$3.00 TYMNET
 \$171.88 Estimated cost this search
 \$172.29 Estimated total session cost 7.488 DialUnits

Status: Signed Off. (60 minutes)

Status: Path 1 of [Dialog Information Services via Modem]

Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 3106900061...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

***** HHHHHHHH SSSSSSSS?

Status: Signing onto Dialog

ENTER PASSWORD:

***** HHHHHHHH SSSSSSSS? *****

Welcome to DIALOG

Status: Connected

Dialog level 00.07.20D

Last logoff: 04aug00 09:34:48

Logon file001 04aug00 17:04:22

KWIC is set to 50.

HIGHLIGHT set on as '*'

File 1:ERIC 1966-2000/Jul 26

(c) format only 2000 The Dialog Corporation

Set	Items	Description
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?b 155, 5, 73

04aug00 17:04:33 User259876 Session D98.1

\$0.40 0.113 DialUnits File1

\$0.40 Estimated cost File1

\$0.01 TYMNET

\$0.41 Estimated cost this search

\$0.41 Estimated total session cost 0.113 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1966-2000/Sep W4

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File 5:Biosis Previews(R) 1969-2000/Aug W1

(c) 2000 BIOSIS

File 73:EMBASE 1974-2000/Jul W1

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***File 73: There is no data missing. UDs are being adjusted to reflect the current months data.**

Set	Items	Description
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?s (PPAR-gamma)

S1	36	(PPAR-GAMMA)
----	----	--------------

?s (osteosarcoma or (ovarian (w) cancer) or (renal (w) cancer))

27328	OSTEOSARCOMA
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176381	OVARIAN
--------	---------

1516028	CANCER
---------	--------

32815	OVARIAN (W) CANCER
-------	--------------------

679200	RENAL
--------	-------

1516028	CANCER
---------	--------

3591	RENAL (W) CANCER
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S2	63546	(OSTEOSARCOMA OR (OVARIAN (W) CANCER) OR (RENAL (W) CANCER))
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?s s1 and s2

36	S1
----	----

63546	S2
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S3      0  S1 AND S2
?s s1 and (CAOV3 or PA-1 or 2774 or (OV (w) CAR3) or (SK (w) OV3))
      36  S1
      41  CAOV3
      0  PA-1
      201 2774
      6369 OV
      58  CAR3
      0  OV(W)CAR3
      19121 SK
      64  OV3
      42  SK(W)OV3
S4      0  S1 AND (CAOV3 OR PA-1 OR 2774 OR (OV (W) CAR3) OR (SK (W)
      OV3))
?s s1 and (UMCR3 or UMCR6 or UMCR7 or (renal (w) cancer (w) cell?))
Processing
Processing
      36  S1
      0  UMCR3
      0  UMCR6
      0  UMCR7
      679200 RENAL
      1516028 CANCER
      6596059 CELL?
      435  RENAL(W)CANCER(W)CELL?
S5      0  S1 AND (UMCR3 OR UMCR6 OR UMCR7 OR (RENAL (W) CANCER (W)
      CELL?))
?s s1 and (osteosarcoma (w) cell?)
Processing
      36  S1
      27328 OSTEOSARCOMA
      6596059 CELL?
      5609  OSTEOSARCOMA(W)CELL?
S6      0  S1 AND (OSTEOSARCOMA (W) CELL?)
?s s1 and (bone (w) cancer)
      36  S1
      839532 BONE
      1516028 CANCER
      2627  BONE(W)CANCER
S7      0  S1 AND (BONE (W) CANCER)
?logout
04aug00 17:13:39 User259876 Session D98.2
$2.13    0.666 DialUnits File155
$2.13    Estimated cost File155
$4.90    0.876 DialUnits File5
$4.90    Estimated cost File5
$10.28   1.209 DialUnits File73
$10.28   Estimated cost File73
OneSearch, 3 files, 2.751 DialUnits FileOS
$0.50    TYMNET
$17.81   Estimated cost this search
$18.22   Estimated total session cost 2.865 DialUnits

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Status: Signed Off. (10 minutes)

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,JPAB,EPAB,DWPI,TDBD	L2 and ((X-ray irradiation) or (UV-irradiation) or (gamma-irradiation))	5	<u>L13</u>
USPT,JPAB,EPAB,DWPI,TDBD	L11 and ((X-ray irradiation) or (UV-irradiation) or (gamma-irradiation))	1	<u>L12</u>
USPT,JPAB,EPAB,DWPI,TDBD	L3 and (radiation therapy)	45	<u>L11</u>
USPT,JPAB,EPAB,DWPI,TDBD	L3 and ((corticosteroid hormones) or dexamethasone or prednisone)	16	<u>L10</u>
USPT,JPAB,EPAB,DWPI,TDBD	L3 and (5-FU or 5-fluorouracil)	27	<u>L9</u>
USPT,JPAB,EPAB,DWPI,TDBD	L3 and (nitrosureas or carmustine or lomustine)	5	<u>L8</u>
USPT,JPAB,EPAB,DWPI,TDBD	L3 and (taxol or etoposide or vinblastine)	28	<u>L7</u>
USPT,JPAB,EPAB,DWPI,TDBD	L3 and (doxorubicin or daunorubicin)	31	<u>L6</u>
USPT,JPAB,EPAB,DWPI,TDBD	L3 and (mitotic inhibitor)	1	<u>L5</u>
USPT,JPAB,EPAB,DWPI,TDBD	L3 and (alkylating agent)	4	<u>L4</u>
USPT,JPAB,EPAB,DWPI,TDBD	L1 and L2	135	<u>L3</u>
USPT,JPAB,EPAB,DWPI,TDBD	adjuvant therapy	333	<u>L2</u>
USPT,JPAB,EPAB,DWPI,TDBD	(breast cancer) or (colorectal cancer) or (prostate cancer)	9595	<u>L1</u>

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,JPAB,EPAB,DWPI,TDBD	(Troglitazone or pioglitazone or rosiglitazone) and (chemotherapy or radiotherapy)	4	<u>L9</u>
USPT,JPAB,EPAB,DWPI,TDBD	(Troglitazone or pioglitazone or rosiglitazone) and L4	2	<u>L8</u>
USPT,JPAB,EPAB,DWPI,TDBD	(Troglitazone or pioglitazone or rosiglitazone) and L2	9	<u>L7</u>
USPT,JPAB,EPAB,DWPI,TDBD	L1 and (cancer cell?)	3	<u>L6</u>
USPT,JPAB,EPAB,DWPI,TDBD	L1 and L4	2	<u>L5</u>
USPT,JPAB,EPAB,DWPI,TDBD	(cancer treatment) or (cancer therapy)	7712	<u>L4</u>
USPT,JPAB,EPAB,DWPI,TDBD	L1 and L2	6	<u>L3</u>
USPT,JPAB,EPAB,DWPI,TDBD	cancer?	15248	<u>L2</u>
USPT,JPAB,EPAB,DWPI,TDBD	(Thiazolidinedione?) or (TZD?)	238	<u>L1</u>

WEST**Generate Collection****Search Results - Record(s) 1 through 6 of 6 returned.**☐ 1. Document ID: US 6087385 A

L3: Entry 1 of 6

File: USPT

Jul 11, 2000

US-PAT-NO: 6087385

DOCUMENT-IDENTIFIER: US 6087385 A

TITLE: Flavonoid derivatives

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw Desc	Image
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☐ 2. Document ID: US 6063796 A

L3: Entry 2 of 6

File: USPT

May 16, 2000

US-PAT-NO: 6063796

DOCUMENT-IDENTIFIER: US 6063796 A

TITLE: Somatostatin agonists

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw Desc	Image
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☐ 3. Document ID: US 6057338 A

L3: Entry 3 of 6

File: USPT

May 2, 2000

US-PAT-NO: 6057338

DOCUMENT-IDENTIFIER: US 6057338 A

TITLE: Somatostatin agonists

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw Desc	Image
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☐ 4. Document ID: US 6028088 A

L3: Entry 4 of 6

File: USPT

Feb 22, 2000

US-PAT-NO: 6028088

DOCUMENT-IDENTIFIER: US 6028088 A

TITLE: Flavonoid derivatives

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 5. Document ID: US 5981586 A

L3: Entry 5 of 6

File: USPT

Nov 9, 1999

US-PAT-NO: 5981586

DOCUMENT-IDENTIFIER: US 5981586 A

TITLE: Methods for treating proliferative and inflammatory skin diseases

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☒ 6. Document ID: US 5814647 A

L3: Entry 6 of 6

File: USPT

Sep 29, 1998

US-PAT-NO: 5814647

DOCUMENT-IDENTIFIER: US 5814647 A

TITLE: Use of troglitazone and related compounds for the treatment of the climacteric symptoms

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Term	Documents
(1 AND 2).USPT,JPAB,EPAB,DWPI,TDBD.	6

Display

10

Documents, starting with Document:

6

Display Format:

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PubMed	Nucleotide	Protein	Genome	Structure	PopSet
Search PubMed	▼ for Thiazolidinediones and cancer treatment				Go Clear
Limits		Preview/Index	History	Clipboard	

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Show: 20	Items 1-6 of 6					One pa	

PubMed Services

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- 1:
- [Kersten S, Desvergne B, Wahli W.](#)

Related Arti

Roles of PPARs in health and disease.
Nature. 2000 May 25;405(6785):421-4. Review.
PMID: 10839530; UI: 20296340

- ☐
- 2:
- [Rubin GL, Zhao Y, Kalus AM, Simpson ER.](#)

Related Arti

Peroxisome proliferator-activated receptor gamma ligands inhibit estrogen biosynthesis in human breast adipose tissue: possible implications for breast cancer therapy.
Cancer Res. 2000 Mar 15;60(6):1604-8.
PMID: 10749129; UI: 20210687

Related Resources

- ☐
- 3:
- [Sanaka M, Iwamoto Y.](#)

Related Arti

[Troglitazone for treatment of polycystic ovary syndrome].
Nippon Rinsho. 2000 Feb;58(2):465-70. Review. Japanese.
PMID: 10707578; UI: 20172569

- ☐
- 4:
- [Mehta RG, Williamson E, Patel MK, Koeffler HP.](#)

Related Arti

A ligand of peroxisome proliferator-activated receptor gamma, retinoids, and prevention of preneoplastic mammary lesions.
J Natl Cancer Inst. 2000 Mar 1;92(5):418-23.
PMID: 10699072; UI: 20169351

- ☐
- 5:
- [Vamecq J, Latruffe N.](#)

Related Arti

Are physiological clonal expansion and maturation pathways a basis for discrepant behaviour of colon tumoral cell growth in response to the thiazolidinedione PPARgamma agonists?
Oncol Rep. 1999 Nov-Dec;6(6):1281-3.
PMID: 10523697; UI: 99455143

- ☐
- 6:
- [Tontonoz P, Singer S, Forman BM, Sarraf P, Fletcher JA, Fletcher CD, Brun RP, Mueller E, Altiock S, Oppenheim H, Evans RM, Spiegelman BM.](#)

Related Arti

Terminal differentiation of human liposarcoma cells induced by ligands for peroxisome proliferator-activated receptor gamma and the retinoid X receptor
Proc Natl Acad Sci U S A. 1997 Jan 7;94(1):237-41.
PMID: 8990192; UI: 97144425